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State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

July 18, 1994

Wm. Tom Austin, PE
Dewberry & Davis
5505 Creedmore Road
Suite 150
Raleigh, North Carolina 27612

Ref: Camp Lejeune Municipal Solid Waste Landfill
Site Approval Study
Technical Review

Mr. Austin:

The Solid Waste Section (Section) has completed the preliminary technical review of the above referenced project. The technical review determines the adequacy and technical sufficiency of the study.

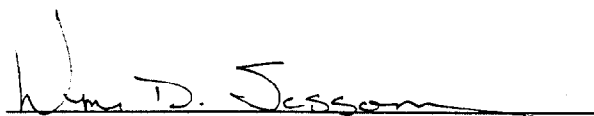
As stated in my previous letter, the application is being reviewed under the recently adopted Solid Waste Management Rules, 15A NCAC 13B .1618(e), New facility applications in transition. As such, review comments are from sections .0503 and .0504 of the Solid Waste Management Rules. If the site is approved, the construction plan application will have to meet all construction application requirements of Section .1600.

At this time, the Solid Waste Section has determined that the engineering component of the site characterization has been sufficiently addressed. There are issues remaining with regards to the hydro-geological review. Please refer to the attached hydro-geological review memorandum for items that need to be addressed.

The Section reserves the right to request additional information during the continuing review. If such additional information is required, you will be notified by the Section.

If you have any questions or if we can provide any assistance, please do not hesitate to contact this office.

Thank you,

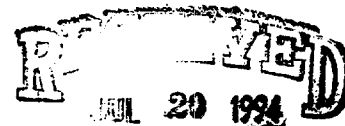


William D. Sessoms, PE

attachment

copy: John Crowder - DEHNR
Brad Atkinson - DEHNR

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DEWBERRY & DAVIS

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July 18, 1994

MEMORANDUM

TO: Bill Sessoms

FROM: Brad Atkinson *BA*

RE: Technical Review of the Site Plan Application-
Proposed Camp Lejeune Municipal Solid Waste Landfill

A Technical Review of the geologic and hydrogeologic portions of the Site Plan Application has been completed. Further information is required in order to continue the review process.

The following comments are made pursuant to the requirements of 15A NCAC 13B .0504. Portions of .0504 not addressed below should, at this time, be considered as having met the Technical Review requirements of the Site Plan Application; however, additional information may be requested at a later date.

The following comments are directed to Dewberry and Davis and to S&ME Inc.

(1)(c)(i)(I) Provide boring logs and well construction information for 82-MW-30, 6-GW-2.

(1)(c)(i)(I)(ii) Indicate the location and elevation of the permanent on-site benchmark(s).

(1)(g)(v) Discuss the possibility of contamination emanating from the surficial and deep aquifers of Operable Unit No. 2 (OU #2) of potentially impacting the monitored portion of the aquifer beneath the proposed landfill. *Went summary of contamination, flow gradients density differences to. Any possibility that contaminants could occur below.*

Discuss remedial efforts proposed or implemented for contaminant plumes emanating from OU #2 which are adjacent to or beneath the proposed site. Discuss how any remedial activities might affect ground-water flow near the landfill and how the design of the monitoring system could be affected by the altered ground-water flow. *Will any remedial activities potentially take place on the proposed site? Discuss the potential for any remedial efforts to be impacted by the construction of the proposed landfill. -Delete*

Further delineate any known areas of organic contamination in the shallow surficial aquifer at the proposed site.

Discuss possible contaminants in the ground water beneath the proposed site which may be a result of past training or operational activities (excluding contaminants related to OU #2). Provide analytical data of the ground water from the areas which have the greatest potential to have been impacted by these activities.

Discuss the possibility for the type and/or concentration of inorganic constituents in the surface water of Wallace Creek and Bear Head Creek to be altered due to past training or operational activities.